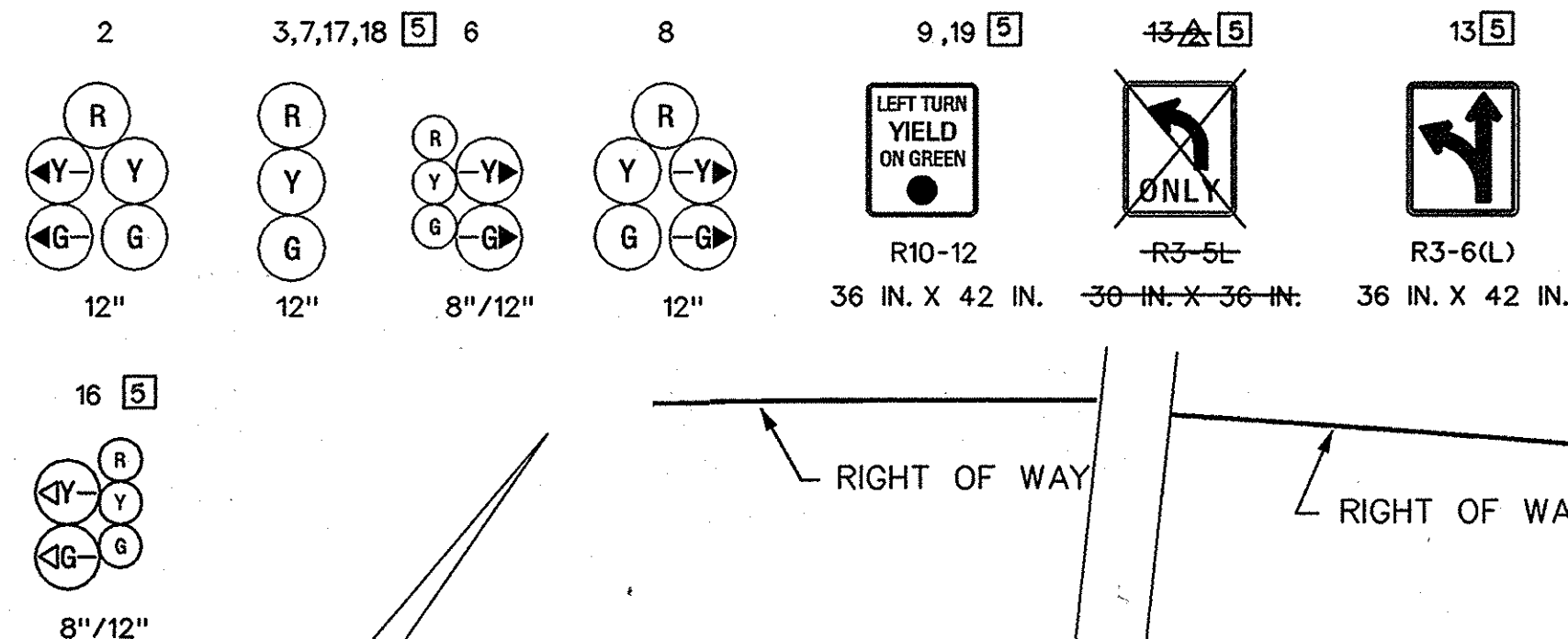
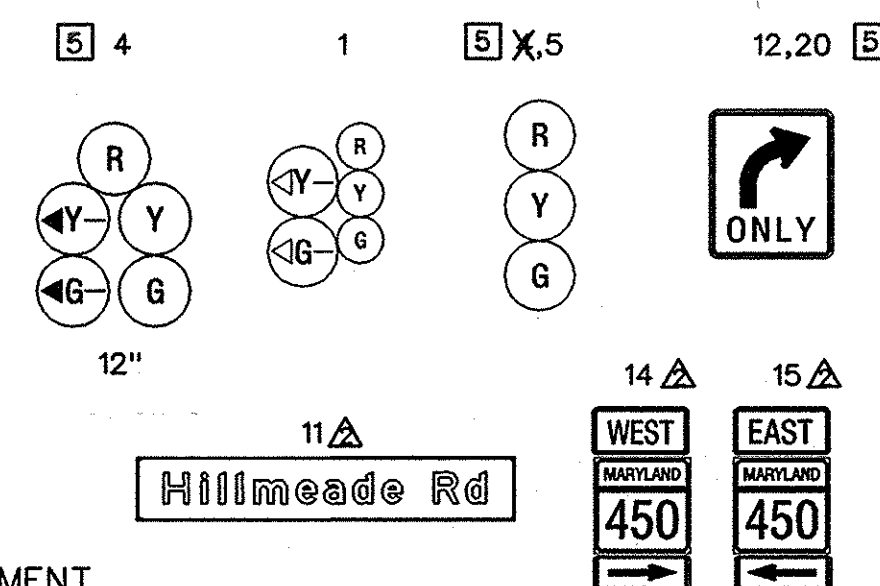


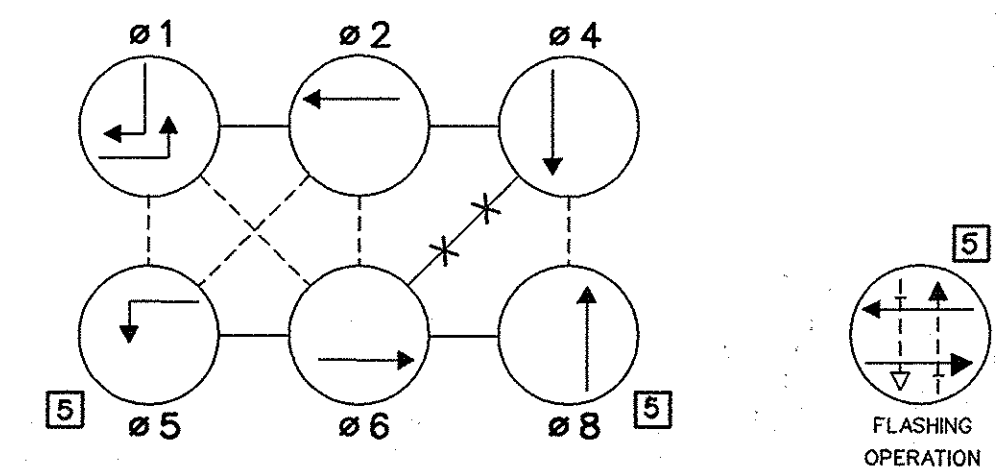
PROPOSED SIGNS/SIGNALS



EXISTING SIGNS/SIGNALS



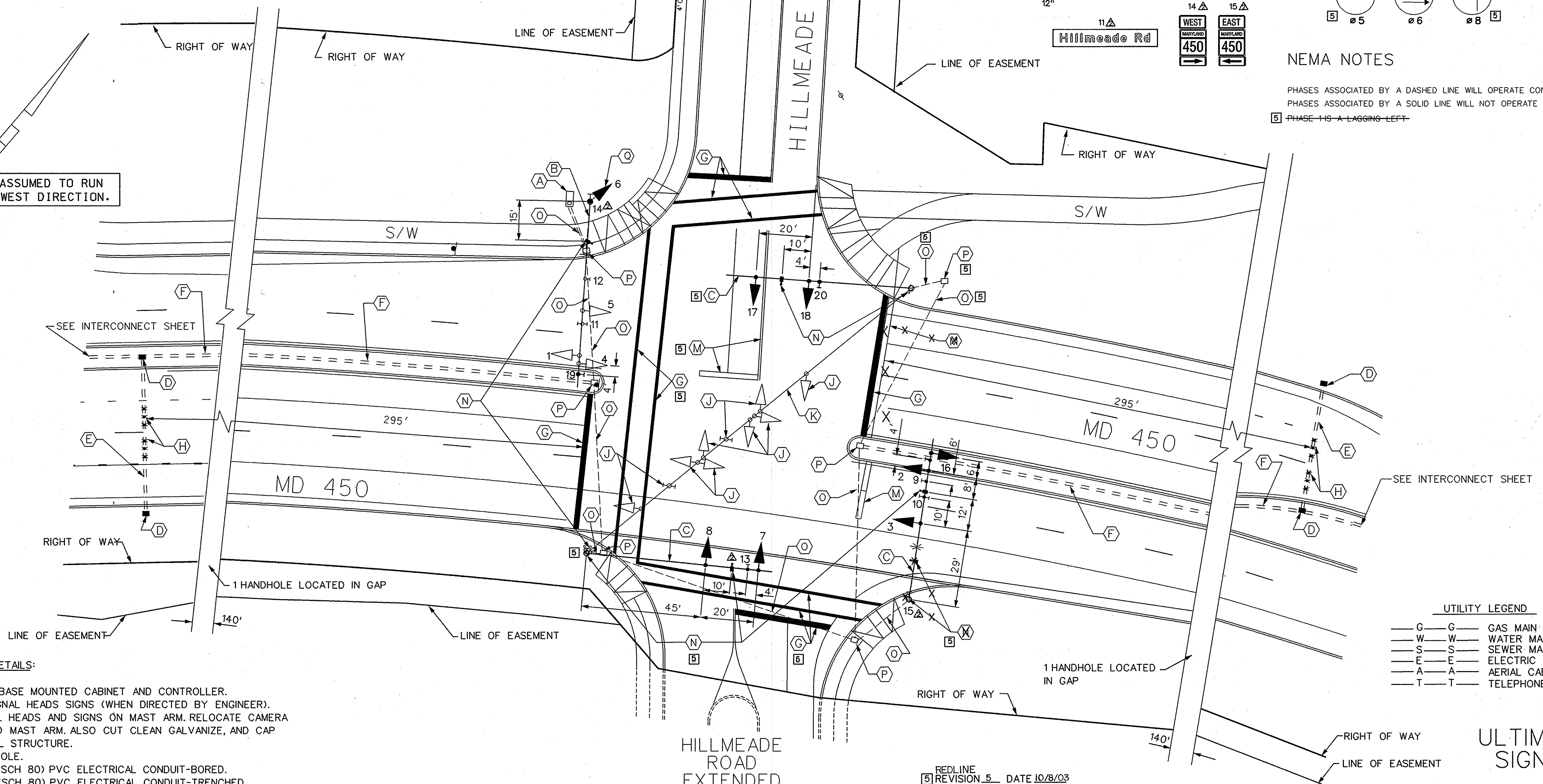
NEMA PHASING



NEMA NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
[5] PHASE 1 IS A LAGGING LEFT

MD 450 IS ASSUMED TO RUN
IN AN EAST/WEST DIRECTION.



UTILITY LEGEND

G — G — GAS MAIN
W — W — WATER MAIN
S — S — SEWER MAIN
E — E — ELECTRIC CABLES
A — A — AERIAL CABLES
T — T — TELEPHONE CABLES

CONSTRUCTION DETAILS:

- USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
- UNBAG ALL SIGNAL HEADS SIGNS (WHEN DIRECTED BY ENGINEER).
- INSTALL SIGNAL HEADS AND SIGNS ON MAST ARM. RELOCATE CAMERA FROM POLE TO MAST ARM. ALSO CUT CLEAN GALVANIZE, AND CAP TRAFFIC SIGNAL STRUCTURE.
- INSTALL HANDHOLE.
- INSTALL 3 IN. (SCH 80) PVC ELECTRICAL CONDUIT-BORED.
- INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.
- INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR STOP LINE. INSTALLED BY OTHERS SEE SHEET NO. SN-2.7 FOR DETAILS.
- INSTALL MICRO-LOOP NON INVASIVE PROBE SET WITH 1000 FT. LEAD IN.
- REMOVE EXISTING TEMPORARY SIGNAL HEADS AND SIGNS ON SPAN WIRE.
- REMOVE SPAN AND TETHER WIRE.
- REMOVE EXISTING POLE.
- REMOVE EXISTING PAVEMENT MARKINGS.
- RELOCATE VIDEO TRAFFIC CAMERA.
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- INSTALL SIGNAL HEAD ON SIGNAL POLE.

NOTES

- ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND UNLESS OTHERWISE NOTED, ARE TO BE INSTALLED BY OTHERS IN ACCORDANCE WITH S.H.A. STANDARDS.



THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND

REDLINE
[5] REVISION 5 DATE 10/8/03
[5] ADDENDUM #2 10/11/2001

REVISIONS	APPROVALS
6/2001 SIGNAL MODIFICATION DUE TO RECONSTRUCTION OF MD 450	ORIGINAL
RECONSTRUCTION DUE TO GEOMETRICS 8-13-97	ON
REVISED PER SHA COMMENTS 10-27-78	FILE
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION			
MD 450 - MD 193 TO STONYBROOK DRIVE MD 450 AT HILLMEADE ROAD- ULTIMATE SIGNAL			
DRAWN BY: MB CHECKED BY: STB SCALE: 1"=20' DATE: OCTOBER 2001	F.A.P. NO. SEE TITLE SHEET S.H.A. NO. PG9005571 COUNTY: PRINCE GEORGE'S LOG MILE: 9.75	TS NO. IS-1618B-1 T.I.M.S. NO. D 538 SHEET NO. 407 OF 545	